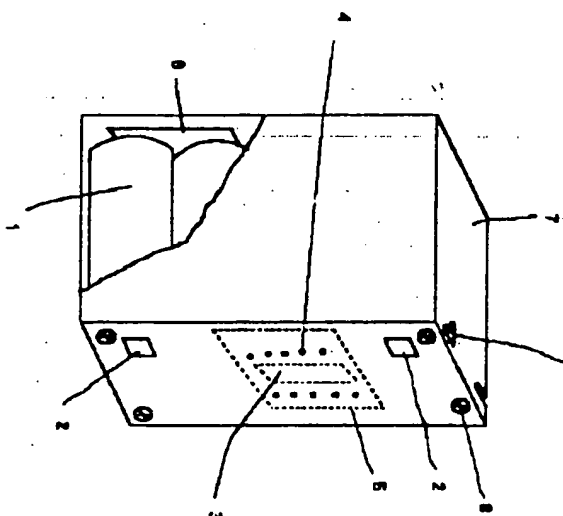


(54) BATTERY PACK

- (11) 6-13111 (A) (43) 21.1.1994 (19) JP
(21) Appl. No. 4-194789 (22) 29.6.1992
(71) CANON INC (72) NOBUYOSHI TAKEHARA
(51) Int. Cl⁵. H01M10/42, H01M2/10, H01M2/34

PURPOSE: To provide a battery pack in which optimum charging conditions for a secondary battery and the information of discharge ending voltage and others are incorporated to prevent treatment error in charge and discharge and to achieve the long life of the secondary battery.

CONSTITUTION: A battery pack is provided with a secondary battery 1 and a non-volatile semiconductor memory 3. It has a terminal 2 to input/output a current to the secondary battery 1 and a terminal 4 to input/output information of the secondary battery to the non-volatile semiconductor memory 3.



(54) SINGLE WIRE TYPE ELECTRIC WIRE CONNECTING CONNECTOR

- (11) 6-13113 (A) (43) 21.1.1994 (19) JP
(21) Appl. No. 4-196504 (22) 29.6.1992
(71) NICHIFU TANSHI KOGYO K.K. (72) KATSUHISA MORI(2)
(51) Int. Cl⁵. H01R4/24

PURPOSE: To electrically connect an electric power cable which core wire is single, without coming off insulating coating.

CONSTITUTION: This connector is composed of a case main body 11; an insulating case 10, composed of a lid body 14, engaged with the case main body 11 and blocking an opening surface; and plural individual contacts 20 ad 20, which

